

PROGRESS:HPC Portal

High Performance Computing Portal

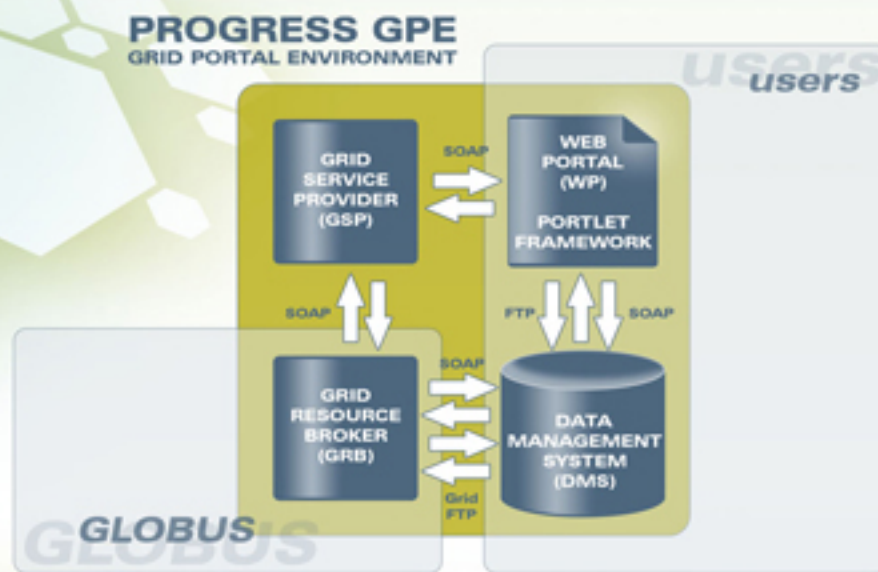
PROGRESS HPC Portal:

- provides a great amount of grid opportunities
- aims to integrate various groups of grid users
- is open to researchers, application developers and grid practitioners

You can:

- utilize the grid computing power delivered to the PROGRESS HPC Portal
- enable your application on the grid and expose it to the users
- make your HPC resource a part of the global grid infrastructure

about: project: global grid: rina: progress project



The PROGRESS project was co-financed by the State Committee for Scientific Research and Sun Microsystems Poland and lasted since December 2001 until the end of 2003. It aimed to deliver an access environment to grid computing resources and services. The project resulted in a set of grid-portal environment tools, which are subject to continuous research and development, and have been deployed to form the PROGRESS HPC Portal.

GLOBAL GRID AT SUPERCOMPUTING 2003



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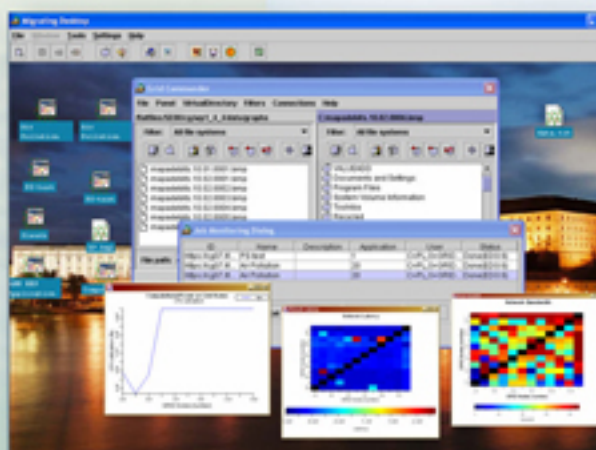
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Enable your application on the grid

- Connect your computing server holding the application to the PROGRESS infrastructure and access it via PROGRESS grid services and PROGRESS HPC Portal
- Store your application in the PROGRESS application repository for on demand access
- Create a specialized portlet with the use of the PROGRESS Portlet Framework to access your application and enable it within the PROGRESS HPC Portal or your own one
- Add visualization modules to animate the results of your experiments

Utilize the grid computing power and services

- Register as a user of the PROGRESS HPC Portal
- Utilize custom bioinformatic applications: DNA Assembly, Prediction of Protein Secondary Structures, Phylogenetic Tree Construction, and other applications available in the PROGRESS application repository
- Add your computing server to the PROGRESS global grid infrastructure and receive computing power in return



Portal and Roaming Access to grid services and resources

URL: <http://progress.psnk.pl/portal/>

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opportunities:

screenshots:

progress project